



**Submission data for 2023 CORE conference ranking process
IEEE International Conference on Web Services**

Xiao Liu, Jun Shen

Introductory Questions

Conference

Title: IEEE International Conference on Web Services

Acronym : ICWS

Rank: A

Requested Rank

Rank: A

Conference Details

Month: July

Publisher: IEEE CPS

Bi-annual: False

Multiconference: False

Component in a multi-conference or umbrella event: True

Has separate proceedings: True

Colocated with other events: True

Colocated event description: IEEE Cloud, IEEE SCC

Event relationship description: IEEE ICWS is part of the umbrella event - IEEE SERVICES solely sponsored by the IEEE Computer Society under the auspice of the Technical Community on Services Computing (TCSVC).

Alternative content: True

Alternative content description: Regular Paper, Short Paper, Work-in-Progress Paper, Invited Paper

Proceedings Publishing Style

Proceedings Publishing: self-contained

Link to most recent proceedings: <https://ieeexplore.ieee.org/xpl/conhome/9885729/proceeding>

Further details:

Most Recent Years

Most Recent Year

Year: 2022

URL: <https://conferences.computer.org/icws/2022/>

Location: hybrid, Barcelona, Spain and virtual

Papers submitted: 170

Papers published: 21

Acceptance rate: 12

Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9885770>

General Chairs

Name: Athman Bouguettaya
Affiliation: University of Sydney
Gender: M
H Index: 50
GScholar url: <https://scholar.google.com/citations?user=eVlizvwAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/01/458.html>

Name: Xiaofei Xu
Affiliation: Harbin Institute of Technology
Gender: M
H Index: 15
GScholar url:
DBLP url: <https://dblp.org/pid/95/3275.html>

Program Chairs

Name: Chirine Ghedira Guegan
Affiliation: IAE - Jean Moulin Lyon 3 University
Gender: F
H Index: 20
GScholar url: <https://scholar.google.fr/citations?user=5fBxs7cAAAAJ&hl=fr>
DBLP url: <https://dblp.org/pid/85/2269.html>

Second Most Recent Year

Year: 2021

URL: <https://conferences.computer.org/icws/2021/>

Location: online virtual

Papers submitted: 194

Papers published: 46

Acceptance rate: 24

Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9590308>

General Chairs

Name: Athman Bouguettaya
Affiliation: Univeristy of Sydney
Gender: M
H Index: 50
GScholar url: <https://scholar.google.com/citations?user=eVlizvwAAAAJ&hl=en>
DBLP url: <https://dblp.org/pid/01/458.html>

Name: Xiaofei Xu
Affiliation: Harbin Institute of Technology
Gender: M
H Index: 15
GScholar url:
DBLP url: <https://dblp.org/pid/95/3275.html>

Name: Elena Ferrari
Affiliation: University of Insubria
Gender: F
H Index: 55
GScholar url: <https://scholar.google.com/citations?user=k0c4beIAAAAJ&hl=en>
DBLP url:

Program Chairs

Name: Jing Fan Affiliation: Zhejiang University of Technology Gender: F H Index: 20 GScholar url: DBLP url: https://dblp.org/pid/24/4995.html
Name: Parisa Ghodous Affiliation: University of Lyon Gender: F H Index: 20 GScholar url: https://scholar.google.com/citations?user=66QNn0IAAAAJ&hl=en DBLP url:
Name: Michael Maximilien Affiliation: IBM Gender: M H Index: 32 GScholar url: https://scholar.google.com/citations?user=As3lU38AAAAJ&hl=en DBLP url:

Third Most Recent Year

Year: 2020

URL: <https://conferences.computer.org/icws/2020/>

Location: online virtual

Papers submitted: 321

Papers published: 58

Acceptance rate: 18

Source for numbers: <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9283917>

General Chairs

Name: Andrzej Goscinski Affiliation: Deakin University Gender: M H Index: 20 GScholar url: DBLP url: https://dblp.org/pid/g/AMGoscinski.html
Name: Zhiyong Feng Affiliation: Tianjin University Gender: M H Index: 29 GScholar url: https://scholar.google.com/citations?user=PqwtAv8AAAAJ&hl=zh-TW DBLP url:

Program Chairs

Name: Elena Ferrari Affiliation: University of Insubria Gender: F H Index: 55 GScholar url: https://scholar.google.com/citations?user=k0c4beIAAAAJ&hl=en DBLP url:
Name: Jing Fan Affiliation: Zhejiang University of Technology Gender: F H Index: 20 GScholar url: DBLP url: https://dblp.org/pid/24/4995.html

Policies

Chair Selection: The Steering Committee of IEEE World Congress Services (SERVICES) assumes the role of Steering Committee for its affiliated conferences. IEEE International Conference on Web Services (IEEE ICWS) is one of them. The General Chairs of an IEEE ICWS event are appointed by Congress General Chairs of the event with the Steering Committee involved in the international candidate identification process. All appointed General Chairs are international R&D leaders in the field.

The Program Chairs are appointed by the General Chairs with involvement of the Congress General Chairs, the Steering Committee Chair, and past conference General and Program Chairs. All appointed Program Chairs are international R&D leaders in the field.

The chair selection processes commit to IEEE diversity policy.

Policy name: IEEE Diversity

Policy url: <https://www.ieee.org/about/diversity-index.html>

Program Committee

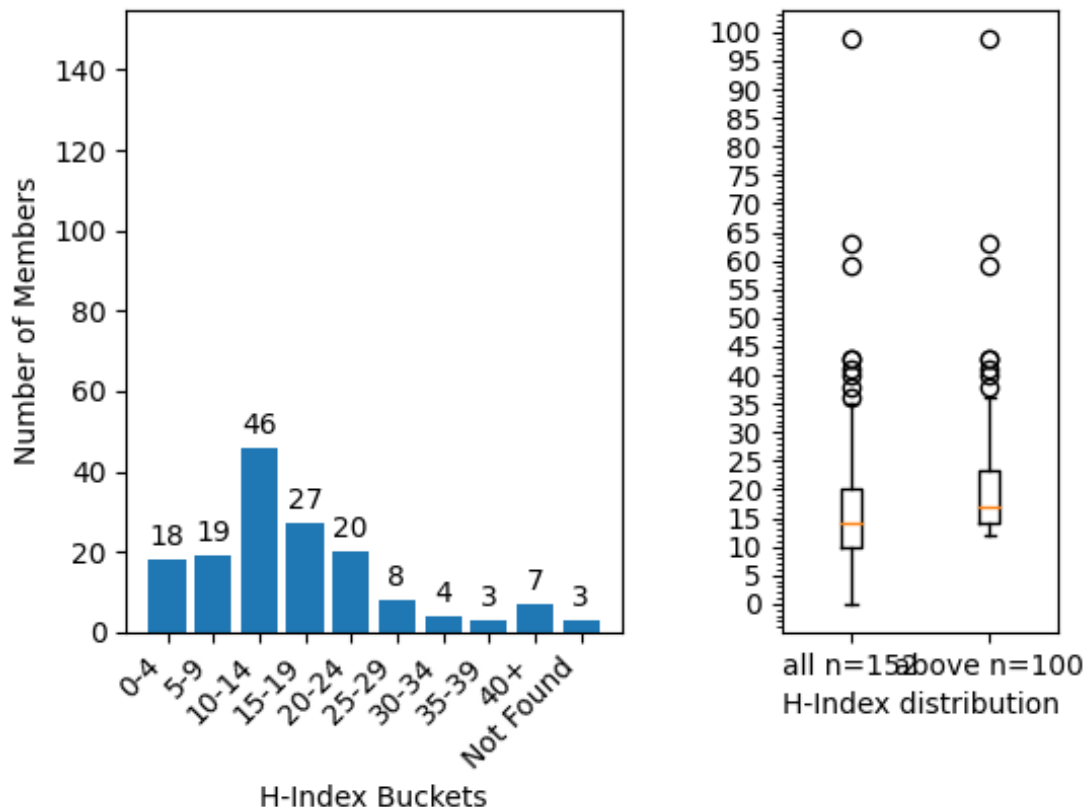
Link to pc: <https://conferences.computer.org/icws/2023/committee/>

File: http://portal.core.edu.au/core/media/2023/pc_members/PC_File_DzGz1Rb.txt

H-index plot: http://portal.core.edu.au/core/media/2023/pc_graphs/higherrank_hindex_buckets_2102.png

Information contained within these graphs is derived using the Elsevier Scopus Database 2023.

Scopus h-index is generally about 30% lower than Google Scholar h-index.



Publishing of established researchers in the PC

http://portal.core.edu.au/core/media/2023/conf_submissions_clean_spc/higherrank2102_spc_report.csv

WPP Report: http://portal.core.edu.au/core/media/2023/wpp_reports/eB6buAny.txt

2. IEEE International Conference on Web Services (IEEE ICWS)

Core Rank: A

This venue was published at 77 times by 23 of 69 individuals in the last 5+ years.

The individuals that publish at this venue are: Athman Bouguettaya(19), Jianwei Yin(7), Jianxun Liu(7), Hai Dong(6), Xuyun Zhang(6), Keman Huang(4), Lizhen Cui(4), Rami Bahsoon(3), Sami Yangui(3), Schahram Dustdar(3), Shangguang Wang(3), Yuliang Shi(3), Farokh B. Bastani(2), Guobing Zou(2), Marco Anisetti(2), Pengcheng Zhang(2), Devis Bianchini(1), Francois Charoy(1), Georgia M. Kapitsaki(1), Gianluigi Zavattaro(1), Jiwei Huang(1), Yogesh Simmhan(1), Zhijun Ding(1)

In 2018, there were 12 publications by 8 individuals: Athman Bouguettaya, Farokh B. Bastani, Georgia M. Kapitsaki, Hai Dong, Jianwei Yin, Keman Huang, Shangguang Wang, Yuliang Shi

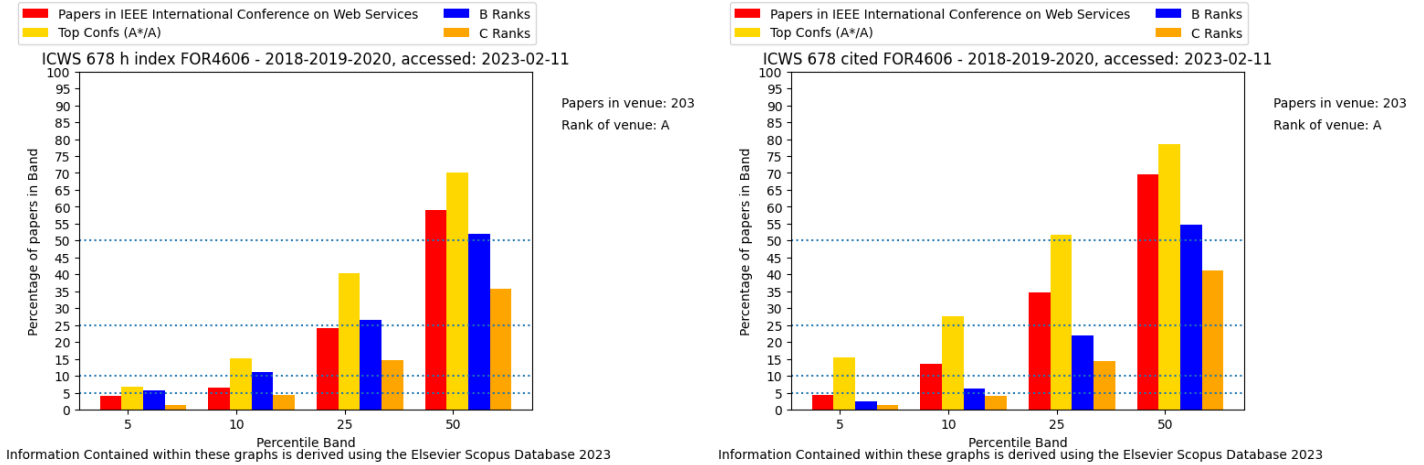
In 2019, there were 15 publications by 13 individuals: Athman Bouguettaya, Devis Bianchini, Farokh B. Bastani, Guobing Zou, Hai Dong, Jianwei Yin, Jianxun Liu, Jiwei Huang, Lizhen Cui, Rami Bahsoon, Xuyun Zhang, Yogesh Simmhan, Yuliang Shi

In 2020, there were 19 publications by 11 individuals: Athman Bouguettaya, Guobing Zou, Hai Dong, Jianwei Yin, Jianxun Liu, Lizhen Cui, Pengcheng Zhang, Sami Yangui, Shangguang Wang, Xuyun Zhang, Yuliang Shi

In 2021, there were 21 publications by 11 individuals: Athman Bouguettaya, Hai Dong, Jianwei Yin, Jianxun Liu, Keman Huang, Marco Anisetti, Rami Bahsoon, Sami Yangui, Schahram Dustdar, Xuyun Zhang, Zhijun Ding
 In 2022, there were 10 publications by 8 individuals: Athman Bouguettaya, Francois Charoy, Gianluigi Zavattaro, Lizhen Cui, Marco Anisetti, Sami Yangui, Schahram Dustdar, Xuyun Zhang

23 out of the 69 individuals published at this venue in 1 or more years
 15 out of the 69 individuals published at this venue in 2 or more years
 8 out of the 69 individuals published at this venue in 3 or more years
 4 out of the 69 individuals published at this venue in 4 or more years
 1 out of the 69 individuals published at this venue in 5 or more years

Centile graphs of paper metrics



Top People Involvement

name: Athman Bouguettaya
 h-index: 50

Google Scholar URL: <https://scholar.google.com/citations?hl=en&user=eVlizvwAAAAJ>

Justification: IEEE Fellow ACM Distinguished Scientist ACM Distinguished Speaker

<https://www.sydney.edu.au/engineering/about/our-people/academic-staff/athman-bouguettaya.html>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
3	6	4	2	2

Attendance: Often (50-80% of the time)

name: Yun Yang
 h-index: 54

Google Scholar URL: <https://scholar.google.com/citations?hl=en&user=YTDQzfsAAAAJ>

Justification: Associate Editor of IEEE Transactions on Parallel and Distributed Systems <https://www.swinburne.edu.au/research/our-research/access-our-research/find-a-researcher-or-supervisor/researcher-profile/?id=yyang>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	0	1	0

Attendance: Sometimes (20-50% of the time)

name: Shangguang Wang
 h-index: 47

Google Scholar URL: <https://scholar.google.com/citations?hl=en&user=CSrn-jIAAAAAJ>

Justification: chair of IEEE Technical Community on Services Computing(TCSVC) Vice chair of IEEE Technical Community on Cloud Computing <http://sguangwang.com/>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	1	0	2

Attendance: Almost always (>80% of the time)

name: Shuiguang DENG
 h-index: 43

Google Scholar URL: <https://scholar.google.com/citations?hl=en&user=txbuNOYAAAAJ>

Justification: Fellow of IET IEEE TCSVC Rising Star Award in 2018 and CCF TCSC Outstanding Achievement Award in 2020

<https://person.zju.edu.cn/en/shuiguang>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	2	4	1

Attendance: Almost always (>80% of the time)

name: Jian Yang

h-index: 41

Google Scholar URL: <https://scholar.google.com.au/citations?user=r5jS8eYAAAAJ&hl=en>

Justification: CORE Exective member 2019 - <https://researchers.mq.edu.au/en/persons/jian-yang>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	2	1	0	0

Attendance: Sometimes (20-50% of the time)

name: Qiang He

h-index: 41

Google Scholar URL: <https://scholar.google.com.au/citations?user=04PHMfQAAAAJ&hl=en>

Justification: Best Studnet Paper Award, ICWS2019 Best Student Paper Award, SCC2018 Best Paper Award, ICSOC2018 Best Student

Paper Award, ICWS2017 <https://www.swinburne.edu.au/research/our-research/access-our-research/>

[find-a-researcher-or-supervisor/researcher-profile/?id=qhe](https://www.swinburne.edu.au/research/our-research/access-our-research/find-a-researcher-or-supervisor/researcher-profile/?id=qhe)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	3	2	6	0

Attendance: Almost always (>80% of the time)

name: Lianyong Qi

h-index: 52

Google Scholar URL: <https://scholar.google.com/citations?hl=en&user=pxNRRsAAAAJ>

Justification: 2021 Highly Cited Researcher (Clarivate) 2020/2021 Highly Cited Chinese Researchers (Elsevier) 2020 World's Top 2%

Scientists (Stanford University) <https://sites.google.com/view/lianyongqi/home>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	2	1	0

Attendance: Almost always (>80% of the time)

name: Xiaolong Xu

h-index: 48

Google Scholar URL: <https://scholar.google.com/citations?hl=en&user=Tyzef4sAAAAJ>

Justification: Highly Cited Researcher of Clarivate 2021 and 2022 <https://sites.google.com/view/xiaolongxu/homepage>

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	2	1	0

Attendance: Often (50-80% of the time)

name: Schahram Dustdar

h-index: 88

Google Scholar URL: <https://scholar.google.com.au/citations?user=0n5S6uUAAAAJ&hl=en>

Justification: Member of Academia Europaea, IEEE|EAI|AAIA Fellow

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
1	2	0	0	0

Attendance: Sometimes (20-50% of the time)

name: Yan Wang

h-index: 41

Google Scholar URL: https://scholar.google.com.au/citations?hl=en&user=3h6_oVEAAAAJ

Justification: 2017 IEEE TC-TVSC Outstanding Service Award, IEEE Technical Committee on Services Computing (TCSVC)

Paper counts:

Most Recent:	Second most recent:	Third most recent:	Fourth most recent:	Fifth most recent:
0	0	1	1	1

Attendance: Often (50-80% of the time)

Area Leaders publishing

Method of selection: Google Scholar Search:

https://scholar.google.com.au/citations?view_op=search_authors&hl=en&mauthors=label:service_computing

https://scholar.google.com.au/citations?hl=en&view_op=search_authors&mauthors=label%3Aservices_computing&btnG=
https://scholar.google.com.au/citations?hl=en&view_op=search_authors&mauthors=label%3Aservice_oriented_architecture&btnG=
https://scholar.google.com.au/citations?hl=en&view_op=search_authors&mauthors=label%3Aweb_services&btnG=
https://scholar.google.com.au/citations?hl=en&view_op=search_authors&mauthors=label%3Aedge_computing&btnG=
 Keyword: Service Computing, Services Computing, Service Oriented Architecture, Web Services, Edge Computing

name	h-index	gscholar url
Frank Leymann	89	https://scholar.google.com.au/citations?hl=en&user=qRnegTsAAAAJ
Calton Pu	70	https://scholar.google.com.au/citations?hl=en&user=Vbv-JEwAAAAJ
Antonio Ruiz Cortés	48	https://scholar.google.com.au/citations?hl=en&user=Ka-FHBQAAAAJ
Yun Yang	54	https://scholar.google.com.au/citations?hl=en&user=YTDQzfsAAAAJ
Athman Bouguettaya	50	https://scholar.google.com.au/citations?hl=en&user=eVlizvzAAAAJ
Zibin Zheng	77	https://scholar.google.com.au/citations?hl=en&user=zWnsNrKAAAAJ
Quan Z. (Michael) Sheng	62	https://scholar.google.com.au/citations?hl=en&user=lwy2C5YAAAAJ
Toru Ishida	58	https://scholar.google.com.au/citations?hl=en&user=x11Wp_sAAAAJ
Eleni Stroulia	54	https://scholar.google.com.au/citations?hl=en&user=TyMidLwAAAAJ
Liang-Jie Zhang	60	https://scholar.google.com.au/citations?hl=en&user=DkEK12QAAAAJ
Gerd Stumme	59	https://scholar.google.com.au/citations?hl=en&user=PqIX0tWAAAAJ
Jean Vanderdonckt	62	https://scholar.google.com.au/citations?hl=en&user=U-FgGrkAAAAJ
Geert-Jan Houben	51	https://scholar.google.com.au/citations?hl=en&user=7SLMwEcAAAAJ
Rajkumar Buyya	160	https://scholar.google.com.au/citations?hl=en&user=7xN6JqYAAAAJ
Mahadev Satyanarayanan	87	https://scholar.google.com.au/citations?hl=en&user=0y6JDD4AAAAJ
Min Chen	94	https://scholar.google.com.au/citations?hl=en&user=_HyHTrsAAAAJ
Rajiv Ranjan	71	https://scholar.google.com.au/citations?hl=en&user=Y_Y3fVEAAAAJ
Qing Li	68	https://scholar.google.com.au/citations?hl=en&user=D1LEg-YAAAAJ
Fabio Casati	69	https://scholar.google.com.au/citations?hl=en&user=eLf2e-gAAAAJ
MengChu Zhou	121	https://scholar.google.com.au/citations?hl=en&user=KUkpv6oAAAAJ

WPP Report: http://portal.core.edu.au/core/media/2023/wpp_reports/2K78Q1Ek.txt

2. IEEE International Conference on Web Services (IEEE ICWS)

Core Rank: A

 This venue was published at 27 times by 6 of 16 individuals in the last 5+ years.

The individuals that publish at this venue are: Athman Bouguettaya(19), Zibin Zheng(4), Fabio Casati(1), Frank Leymann(1), Quan Z. Sheng(1), Rajkumar Buyya(1)

In 2018, there were 3 publications by 2 individuals: Athman Bouguettaya, Zibin Zheng

In 2019, there were 6 publications by 3 individuals: Athman Bouguettaya, Rajkumar Buyya, Zibin Zheng

In 2020, there were 5 publications by 1 individuals: Athman Bouguettaya

In 2021, there were 9 publications by 4 individuals: Athman Bouguettaya, Fabio Casati, Frank Leymann, Zibin Zheng

In 2022, there were 4 publications by 2 individuals: Athman Bouguettaya, Quan Z. Sheng

6 out of the 16 individuals published at this venue in 1 or more years

2 out of the 16 individuals published at this venue in 3 or more years

1 out of the 16 individuals published at this venue in 5 or more years

Additional Data

Google Scholar Data

Sub-category url: https://scholar.google.com.au/citations?view_op=top_venues&hl=en&vq=eng_softwaresystems

Position in sub-category: 20+

h5 index of 20th item in category: 30

No Google Scholar h5 index available for this conference

Potential reason for no h5 index: focused areas not covered in the sub-category

Relationship to similar conferences

Partial ordering of similar conferences in the area, with argument as to where the current venue fits and why:

1. International Conference on Software Engineering (CORE A*, top general SE conference)
2. International World Wide Web Conference (CORE A*, top web conference covers larger breath)
3. International Conference on Service Oriented Computing (CORE A, similar conference with similar focus and quality)
4. International Middleware Conference (CORE A, similar quality with more focused topics)
5. IEEE International Conference on Services Computing (CORE B, similar topics, weaker than ICWS)
6. International

Conference on Web Engineering (CORE B, similar topics, weaker than ICWS) 7. International Conference on Web Information Systems Engineering (CORE B, similar topics, weaker than ICWS) 8. The Asia Pacific Web (APWeb) and Web-Age Information Management (WAIM) Joint International Conference on Web and Big Data (CORE B, similar topics, weaker than ICWS) 9. IEEE/WIC/ACM International Conference on Web Intelligence (CORE B, similar topics, weaker than ICWS) 10. International Conference on Web Engineering (CORE B, similar topics, weaker than ICWS)

Other Information

Attachments

N/A

Proposers

First name: Xiao
Last name: Liu
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Email: xiao.liu@deakin.edu.au

First name: Jun
Last name: Shen
Affiliation: University of Wollongong
Email: jshen@uow.edu.au

Submitted By

Name: Liu Xiao
Email: xliu.swin@gmail.com